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PATENT  
5181-37601/P4365

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:  
Bodo K. Parady

Serial No. 10/044,487

Filed: January 11, 2002

For: LOAD PREDICTION AND THREAD  
IDENTIFICATION IN A MULTI-  
THREADED MICROPROCESSOR

Group Art Unit: 2183  
Examiner: Unknown

Atty. Dkt. No. 5181-37601  
P4365

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on the date indicated below:

Rory D. Rankin  
Registered Representative

5/29/02  
Date

Signature

**INFORMATION DISCLOSURE STATEMENT**

**RECEIVED**

Commissioner for Patents  
Washington, D.C. 20231

JUN 12 2002

Technology Center 2100

Sir:

Applicant requests consideration of  the references listed on the attached Form PTO-1449 and/or  the additional information identified below in paragraph 3. A copy of each reference listed on the Form PTO-1449 is enclosed.

1. This Information Disclosure Statement is submitted:

- a.  within 3 months of the filing date of a national application other than a continued prosecution application under § 1.53(d);  
 within 3 months of the date of entry of the national stage as set forth in § 1.491 in an International application;  
 before the mailing date of a first Office Action on the merits; or  
 before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.
  
- b.  after the events of above paragraph 1a and prior to the mailing date of a final Office Action or Notice of Allowance, and thus:  the certification of paragraph 2 below is provided, or  a fee of \$180.00 is enclosed.

- c.  after the mailing date of a final Office Action or a Notice of Allowance and prior to payment of the issue fee, and thus: the certification of paragraph 2 below is provided and a fee of \$180.00 is enclosed.
2. It is hereby certified:
- that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or
- that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in § 1.56 (c) more than three months prior to the filing of the Statement.
3.  Consideration of the following additional information (including any co-pending or abandoned U.S. applications, prior uses and/or sales, etc.) is requested:
4. For each non-English language reference listed on the attached Form PTO-1449:
- reference is made to an English language translation submitted herewith, and/or
- reference is made to a foreign patent office search report (in the English language) submitted herewith, and/or
- reference is made to an English language translation of a foreign patent office search report submitted herewith, and/or
- reference is made to the concise explanation contained in the specification of the present application at page(s) \_\_\_\_\_, and/or
- reference is made to the concise explanation set forth below:
5.  Applicant also offers the following comments for the Examiner's consideration:
6.  Also enclosed is a copy of a foreign search report citing these references.
7.  The listed documents were brought to the attention of the Applicant(s) after payment of the issue fee in the captioned case. The documents were cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. Applicant(s) request this Information Disclosure Statement and attached Form PTO-1449 be placed in the file of the captioned application.

8.  Applicant(s) requests that the Information Disclosure Statement and attached Form PTO-1449 and references, which are being filed before the grant of the patent and pursuant to 37 C.F.R. § 1.97(i), be placed in the file of the captioned application.

If any required fees are missing, the Commissioner is authorized to charge said fees to Conley, Rose & Tayon, P.C. Deposit Account No. 50-1505/5181-37601/RDR.

Respectfully submitted,

Rory D. Rankin  
Reg. No. 47,884  
Attorney for Applicant(s)

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P. O. Box 398  
Austin, Texas 78767  
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Date: 5/28/02

<p><b>Form PTO-1449 (modified)</b>  <b>List of Patents and Publications</b>  <b>For Applicant's Information</b>  <b>Disclosure Statement</b>            (Use several sheets if necessary)</p>	<p>ATTY. DKT. NO. 5181-37601</p> <p>APPLICANT: Bodo K. Parady</p> <p>FILING DATE: January 11, 2002</p>	<p>SERIAL NO. 10/044,487</p> <p>O I P E</p> <p>GROUP: 2183</p> <p>JUN 06 2002</p> <p>SC97</p> 
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## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

	A1	“Load Latency Tolerance In Dynamically Scheduled Processors”; IEEE 1998; Srinivasan & Lebeck; Duke University, Department of Computer Science; Durham, North Carolina
	A2	“Discrete Last-Address Predictor”; Morancho, Llaceria, & Olive; Universitat Politecnica de Catalunya, Department d’Arquitectura de Computadores; Barcelona (Spain)
	A3	“Understanding the Differences Between Value Prediction and Instruction Reuse”; Sodani & Sohi; University of Wisconsin-Madison, Computer Sciences Department; Madison, Wisconsin
	A4	“The Predictability of Data Values”; Sazeides & Smith; University of Wisconsin-Madison, Department of Electrical and Computer Engineering; Madison, Wisconsin
	A5	“Speculative Execution via Address Prediction and Data Prefetching”; Gonzalez & Gonzalez; Universitat Politecnica de Catalunya, Department d’Arquitectura de Computadors; Barcelona (Spain)

**EXAMINER:**

**DATE CONSIDERED:**

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.